

# 10776883 MEASURING TEMPERATURE IN MOLTEN METALS

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L9	1	62293128.pn. and "19871219".pd.	EPO; JPO; DERWENT	12/18/04 17:05	JP 62293128 A cited in IDS as "AT" and in Int'l Srch report as an "x" reference.
BRS	L10	1	62005140.pn. and "19870112".pd.	EPO; JPO; DERWENT	12/18/04 17:09	JP 62005140 from IDS, an "A" ref in the srch rpt.
BRS	L11	1	05142049.pn. and "19930608".pd.	EPO; JPO; DERWENT	12/18/04 17:11	JP 05142049 from IDS
BRS	L12	2	62226025.pn. and "19871005".pd.	EPO; JPO; DERWENT	12/18/04 17:56	JP 62226025 from IDS
BRS	L13	1	1987-317715.NRAN.	DERWENT	12/18/04 17:22	
IS&R	L14	2	((("6172367") or ("6071466"))).PN.	US-PGPUB; USPAT	12/18/04 17:23	cited in IDS
BRS	L15	0	19440531.pd. and "232396".pn.	EPO; JPO; DERWENT	12/18/04 17:25	
BRS	L16	0	19440531.pd. and "0232396".pn.	EPO; JPO; DERWENT	12/18/04 17:25	L9 through L16 are from IDS of the "related application" found in L23
BRS	L23	2	(temperature and molten and metal and furnace and recipient).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	12/18/04 17:39	Finds a related APPLICATION
BRS	L24	1	04329323.pn. and "19921118".pd.	EPO; JPO; DERWENT	12/18/04 18:13	cited IDS of 10/776883
BRS	L25	2	03284709.pn. and "19911216".pd.	EPO; JPO; DERWENT	12/18/04 18:11	cited in IDS of 10/776883
BRS	L28	0	0655613.pn. and "19950531".pd.	EPO; JPO; DERWENT	12/18/04 18:18	
BRS	L29	1	1993JP-0299530.ap,prai.	EPO; JPO; DERWENT	12/18/04 18:18	priority doc of the EP doc cited in IDS
BRS	L30	1	1995-195676.NRAN.	DERWENT	12/18/04 18:24	FAMILY finds 3 uspats related to EP 0 655 613 A1, cited in the IDS
IS&R	L31	3	((("5,733,043") or ("6,004,031") or ("6,227,702"))).PN.	US-PGPUB; USPAT	12/18/04 18:29	those three related patents
IS&R	L32	0	(10/485099).CCLS.	US-PGPUB; USPAT	12/18/04 18:30	
IS&R	L33	0	(10/485,099).CCLS.	US-PGPUB; USPAT	12/18/04 18:30	A possibly related applic.
IS&R	L34	0	(10/776,883).CCLS.	US-PGPUB; USPAT	12/18/04 18:30	THIS Applic.
IS&R	L35	0	(10/491,817).CCLS.	US-PGPUB; USPAT	12/18/04 18:30	A possibly related applic.
BRS	L36	2	10/485,099 or 10/776,883 or 10/491,817	US-PGPUB; USPAT	12/18/04 18:34	THIS APPLICATION (is NOT published) AND look for related applications (possibly)

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BRS	L1	18	(US-20040182203-\$ or US-20040245682-\$).did. or (US-6071466-\$ or US-6172367-\$ or US-6830606-\$).did. or (WO-3044475-\$).did. or (JP-03284709-\$ or JP-04329323-\$ or JP-05142049-\$ or JP-62005140-\$ or JP-62226025-\$ or JP-62293128-\$).did. or (JP-62226025-\$ or JP-03284709-\$ or US-5733043-\$ or US-6004031-\$ or US-6227702-\$ or WO-2003044475-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	1/8/05 18:11	tagged from Family Search in December
BRS	L4	2	(temperature and molten and metal and furnace and recipient).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	1/8/05 18:13	repeated this
BRS	L5	2	10/485,099 or 10/776,883 or 10/491,817	US-PGPUB; USPAT	1/8/05 18:29	two have PG-PUBS, but not the instant application...
IS&R	L7	142	(374/139).CCLS.	US-PGPUB; USPAT	1/8/05 21:21	see next...
IS&R	L8	250	(374/139).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	1/8/05 21:21	browsed these.
IS&R	L9	220	(374/140).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	1/8/05 21:21	see below...
BRS	L11	15	8 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	1/8/05 21:29	reviewed the duplicates.
BRS	L12	205	9 not 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	1/8/05 21:29	removing the duplicates.
BRS	L13	60	9 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	1/8/05 21:29	browse these after the USPATs, etc.
BRS	L14	60	9 not 10 not 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	1/8/05 21:30	
IS&R	L10	160	(374/140).CCLS.	US-PGPUB; USPAT	1/8/05 21:30	browsed these.

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L15	284	(374/131).CCLS.	US-PGPUB; USPAT	1/8/05 23:31	see below...
IS&R	L16	781	(374/208).CCLS.	US-PGPUB; USPAT	1/8/05 23:32	see below...
BRS	L17	17970	(dip\$4 adj tube) or LANCE	US-PGPUB; USPAT	1/8/05 23:32	
BRS	L18	14067	CONSUMABLE	US-PGPUB; USPAT	1/8/05 23:34	
BRS	L19	139710	( (Fiber with optic\$2) or (Fibre with optic\$2) )	US-PGPUB; USPAT	1/8/05 23:35	
BRS	L20	67802	melt\$3 with metal\$3	US-PGPUB; USPAT	1/8/05 23:35	
BRS	L21	1	melt\$1consumable	US-PGPUB; USPAT	1/8/05 23:36	b = browsed
BRS	L22	266	15 not 7 not 10	US-PGPUB; USPAT	1/8/05 23:41	remove duplicates
BRS	L25	183	22 and 19 not 18 not 17	US-PGPUB; USPAT	1/8/05 23:54	later .. See below
BRS	L23	1	22 and 17	US-PGPUB; USPAT	1/8/05 23:42	b
BRS	L24	2	22 and 18 not 17	US-PGPUB; USPAT	1/8/05 23:39	b
BRS	L26	6	22 and 20 not 18 not 17	US-PGPUB; USPAT	1/8/05 23:42	b
BRS	L27	733	16 not 15 not 7 not 10	US-PGPUB; USPAT	1/8/05 23:41	remove duplicates
BRS	L29	0	27 and 18 not 17	US-PGPUB; USPAT	1/8/05 23:42	
BRS	L28	3	27 and 17	US-PGPUB; USPAT	1/8/05 23:43	b
BRS	L30	14	27 and 20 not 18 not 17	US-PGPUB; USPAT	1/8/05 23:46	b
BRS	L32	13	27 and 19 not 18 not 17 not 20	US-PGPUB; USPAT	1/8/05 23:52	b
BRS	L31	13	27 and 19 not 18 not 17	US-PGPUB; USPAT	1/8/05 23:52	b
BRS	L33	177	22 and 19 not 18 not 17 not 16	US-PGPUB; USPAT	1/9/05 0:19	browsed these also.

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IS&R	L34	4079	((250/227.14) or (356/43) or (356/44) or (385/12) or (385/13) or (385/123)).CCLS.	US-PGPUB; USPAT	1/9/05 0:20	
IS&R	L35	122	(266/88).CCLS.	US-PGPUB; USPAT	1/9/05 0:20	
BRS	L36	1	34 and 35	US-PGPUB; USPAT	1/9/05 0:20	b
IS&R	L37	13	((("4,376,890") or ("5,493,629") or ("4,452,533") or ("4,756,627") or ("5,596,671") or ("6,055,080") or ("4,839,515") or ("4,839,527") or ("4,904,863") or ("5,191,206") or ("5,345,519") or ("5,391,950") or ("5,586,205"))).PN.	US-PGPUB; USPAT	1/9/05 0:22	First group, Relevance Ranked, from PLUS search of 9/30/04 for this application.
IS&R	L38	13	((("5,729,005") or ("5,783,152") or ("6,102,917") or ("4,431,260") or ("4,482,205") or ("4,846,547") or ("4,876,447") or ("4,956,550") or ("5,022,754") or ("5,329,394") or ("5,546,009") or ("5,546,482") or ("5,610,712"))).PN.	US-PGPUB; USPAT	1/9/05 0:23	second plus set
IS&R	L39	23	((("5,736,737") or ("5,748,825") or ("5,767,970") or ("5,841,536") or ("5,847,829") or ("5,870,194") or ("5,887,009") or ("5,933,556") or ("5,953,121") or ("5,995,211") or ("6,044,093") or ("6,226,424") or ("6,226,424") or ("4,288,159") or ("4,316,388") or ("4,330,174") or ("4,417,140") or ("4,471,474") or ("4,509,370") or ("4,575,259") or ("4,576,485") or ("4,600,885") or ("4,800,266") or ("4,815,841"))).PN.	US-PGPUB; USPAT	1/9/05 0:26	3rd plus set
BRS	L40	49	("4818064" "4,818,071" "4,881,791" "4,893,890" "4,906,107" "4,928,006" "4,950,885" "5,201,022" "5,317,656" "5,371,593" "5,394,498" "5,430,814" "5,515,459" "5,545,892" "5,563,967" "5,587,791" "5,672,008" "5,706,301" "5,742,390" "5,818,590" "5,892,582" "6,018,163" "6,115,122" "6,126,775" "6,141,474" "6,209,383" "6,209,383" "4,284,884" "4,373,768" "4,379,289" "4,417,782" "4,505,542" "4,541,269" "4,758,060" "4,770,535" "4,772,086" "4,805,235" "4,818,263" "4,897,541" "4,917,455" "4,986,623" "4,993,798" "4,993,802" "4,997,286" "5,012,809" "5,023,944" "5,229,831" "5,307,437" "5,319,435" "5338928").pn.	US-PGPUB; USPAT	1/9/05 0:26	4th plus set
BRS	L41	15	34 and 40	US-PGPUB; USPAT	1/9/05 0:28	b
BRS	L42	49	("5355425" "5,380,559" "5,406,351" "5,419,636" "5,444,723" "5,486,922" "5,491,767" "5,508,804" "5,556,795" "5,621,829" "5,633,963" "5,640,477" "5,651,903" "5,658,364" "5,689,480" "5,725,890" "5,729,641" "5,793,789" "5,844,927" "5,856,867" "5,909,295" "5,982,716" "6,011,881" "6,016,195" "6,024,488" "6,038,286" "6,039,697" "6,040,908" "6,044,184" "6,125,216" "6,128,424" "6,208,776" "6,218,661" "6,218,661" "6,246,048" "4,087,684" "4,295,739" "4,295,738" "4,302,231" "4,332,469" "4,375,164" "4,393,013" "4,410,238" "4,417,583" "4,428,029" "4,444,502" "4,459,044" "4,508,461" "4,518,858" "4525026").pn.	US-PGPUB; USPAT	1/9/05 0:28	5th plus set
BRS	L43	13	34 and 42	US-PGPUB; USPAT	1/9/05 0:31	b
BRS	L44	50	("4529947" "4,542,987" "4,545,076" "4,552,457" "4,558,217" "4,563,614" "4,577,508" "4,603,940" "4,612,500" "4,613,811" "4,619,533" "4,624,570" "4,758,087" "4,761,073" "4,775,971" "4,777,571" "4,785,174" "4,798,431" "4,799,911" "4,806,012" "4,807,950" "4,818,975" "4,820,917" "4,835,057" "4,836,645" "4,838,032" "4,850,098" "4,860,551" "4,886,361" "4,891,640" "4,920,334" "4,927,232" "4,974,961" "4,981,338" "4,988,863" "5,006,119" "5,018,827" "5,026,141" "5,193,136" "5,202,745" "5,231,683" "5,234,484" "5,249,584" "5,253,096" "5,259,057" "5,263,925" "5,272,090" "5,295,052" "5,311,274" "5313480").pn.	US-PGPUB; USPAT	1/9/05 0:30	6th plus set
BRS	L45	9	34 and 44	US-PGPUB; USPAT	1/9/05 0:32	b
BRS	L46	1	35 and ( 37 or 38 or 39 or 40 or 42 or 44)	US-PGPUB; USPAT	1/9/05 0:33	b
BRS	L47	3	35 and 19	US-PGPUB; USPAT	1/9/05 0:33	b